

Filtering coefficients for the first level of wavelet
 decomposition.

$$h_{n,j}^{(1)}, j = 0, 1, \dots, 20$$

FIG. 9-1

Channel Row	1	2	3	4	5	6	7	8	9	10	11	12
1	0.00000002	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
3	-0.00000000	-0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	0.00000000	-0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7	-0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	-0.00000000	0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	-0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	-0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19	-0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
21	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

Filtering coefficients for the first level of wavelet decomposition.

FIG. 9-2

Column Row	13	14	15	16	17	18	19	20	21
1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	-0.00000002	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	-0.00000026	0.00000000	0.00000005	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
16	-0.00000011	-0.00000001	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
17	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
18	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
19	-0.00000024	0.00000000	0.00000000	-0.00000003	-0.00000004	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	-0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000
21	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000	0.00000000	-0.00000000	0.00000000	0.00000000

REPLACEMENT SHEET

Filtering coefficients for the second level of wavelet decomposition.

$$h_{i,j}^1(i,j=0,1,\dots,20)$$
[illegible]

FIG. 10-2

Filtering coefficients for the second level of wavelet decomposition.

Row	13	14	15	16	17	18	19	20	21
1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	-0.00000002	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	0.00000006	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	-0.00000027	0.00000000	0.00000006	0.00000000	-0.00000003	0.00000000	0.00000000	0.00000000	0.00000000
16	-0.00000011	-0.00000001	0.00000003	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
17	0.00000089	-0.00000000	-0.00000018	0.00000001	0.00000004	0.00000000	-0.00000001	0.00000000	0.00000000
18	0.00000072	0.00000004	-0.00000017	0.00000000	0.00000004	0.00000000	-0.00000001	0.00000000	0.00000000
19	-0.00000128	0.00000008	0.00000019	-0.00000003	-0.00000004	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000123	-0.00000006	-0.00000018	0.00000003	0.00000003	0.00000000	-0.00000001	0.00000000	0.00000000
21	0.00001237	0.00000051	-0.00000241	0.00000000	0.00000006	0.00000000	0.00000009	0.00000000	0.00000002

FIG. 11-1

$$h_{ij}^{\pm}(i, j = 0, 1, \dots, 20)$$

FIG. 11-2

Filtering coefficients for the third level of wavelet decomposition.

Column Row	13	14	15	16	17	18	19	20	21
1	0.00000008	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	-0.00000002	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
21	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000